separate line 86b being located behind the first separate line 86a. From points 92a to 92b of cable 80, the folded second separate line **86***b* is located behind the first separate line **86***a*.

Referring to FIGS. 6A, 6B, 6C and 6D, FIGS. 6A through 6D illustrate a way to wind the cable 80 along second shaft 68 and first shaft 60 including first shaft portions 64a and 64b, as well as illustrate a way to similarly wind the cable 80 along the fixing shaft 640a and the rotation shaft 680 of FIG. 4B. Referring to FIG. 6A, the cable 80, reduced the depth, passes along the second shaft 68, and then is wound 10 round the second shaft 68 as indicated by arrow S at the position in contact with the second shaft 68 and the swivel block 66. That is to say, the first part A of cable 80 and the second part B of cable 80 are passed along the second shaft 68 and the third part C of cable 80 and the fourth part D of 15 cable 80 are rotated about the second shaft 68 along the direction as shown in FIG. 6A by the arrow S but the reverse direction is also possible. At this time, a gap exists between the second shaft 68 and the wound cable 80, and then rotation of the second shaft 68 has no relation to the rotation 20 of the wound cable 80. Before a bent 88, desirably being U-shaped, of the third part C reaches the vertical shaft 68 as shown in FIG. 6B, the third part C of cable 80 is continuously wound. Bent 88 is positioned at a point where cable 80 changes a direction of orientation from the second shaft 68 25 to the first shaft 60. Then the third part C is folded from a bending member 90 so that it is located or positioned behind and along the first horizontal shaft portion 64a as shown in FIG. 6C as viewed from a front direction relative to base 20 indicated by the arrow U in FIGS. 3 and 6C. Finally, the 30 fourth part D of cable 80 is rotated about the first horizontal shaft portion 64a as shown in FIG. 6D to connect to a system unit 100 located in the base 20 as indicated by the arrow V in FIG. 6D. In this way, the cable 80 connected to the display mechanism 25 and enters the base 20 of portable computer 10. In case of rotation of the display cover 40, the wound portion E (FIG. 6B) of cable 80 is tight and in the reverse situation, the wound portion E (FIG. 6B) is loose to turn in the original situation. If the third part C of the cable 80 were $_{40}$ rotated about the reverse direction in a preferred embodiment, the wound portion E (FIG. 6B) of cable 80 would be loose in the rotation of the display cover 40 and in the reverse situation, the wound portion E (FIG. 6B) would be tight to turn in the original situation.

In accordance with a preferred embodiment of the present invention, the display cover 40, incorporating the display screen 50, is easily tilted and swivelled at any angle, and there is no need to turn the base 20 on working to show the display screen **50**. The present invention is especially advantageous in that a user of the portable computer 10 is free to input the data with a stylus because a position of the display screen 50 faced upside relative to base 20 as shown in FIG. 1D, is possible in a preferred embodiment of the present intention.

While there have been illustrated and described what are considered to be preferred embodiments of the present invention, it will be understood by those skilled in the art that various changes and modifications may be made, and equivalents may be substituted for elements thereof without 60 departing from the true scope of the present invention. In addition, many modifications may be made to adapt a particular situation to the teaching of the present invention without departing from the scope thereof. Therefore, it is intended that the present invention not be limited to the 65 particular embodiments disclosed as the best mode contemplated for carrying out the present invention, but that the

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present invention includes all embodiments falling within the scope of the appended claims.

What is claimed is:

- 1. A portable computer, comprising:
- a base;
- a cover incorporating a display screen;
- a hinge assembly connecting said cover and said base, said hinge assembly including a first shaft horizontally oriented relative to said base and a second shaft oriented perpendicularly relative to said first shaft, said hinge assembly being rotatively movable about two axes of rotation to permit said cover to tilt about a first axis of rotation and to swivel about a second axis of rotation relative to said base; and
- a cable connecting said cover and said base electrically arranged to pass along and be wound about said hinge assembly.
- 2. The portable computer of claim 1, further comprised of said hinge assembly comprising:
 - a pair of first blocks respectively located at opposing ends of said first shaft, said pair of first blocks coupling said first shaft to said base and permitting said cover to tilt about said first axis of rotation;
 - a second block connecting said first shaft and permitting said cover to swivel about said second axis of rotation;
 - a support provided within said cover coupled to said second block by said second shaft to support said cover.
- 3. The portable computer of claim 2, further comprised of said portable computer further including a panel assembly protecting and enclosing said second block, said panel assembly being located between said base and said cover.
- 4. The portable computer of claim 2, further comprised of screen 50 passes along the tilt/swivel hinge assembly or 35 said cable including a U-shaped bent at a point where said cable changes a direction of orientation from said second shaft to said first shaft.
 - 5. The portable computer of claim 2, further comprised of said cable including a first part, a second part, a third part, and a fourth part, said first part and said third part being oriented horizontally relative to said base when said cover is oriented perpendicularly to said base in an open position, and said second part and said fourth part being oriented vertically relative to said base when said cover is oriented perpendicularly to said base in an open position, said cable being arranged to pass along said second shaft and a part of said cable being wound about said second shaft until a bent of said cable reaches said second shaft, said bent being positioned at a point where said cable changes a direction of orientation from said second shaft to said first shaft, said third part of said cable being folded so that said third part of said cable is positioned behind and along said first shaft as viewed from a front direction relative to said base, said fourth part of said cable being rotatively wound in part about 55 said first shaft.
 - 6. The portable computer of claim 4, further comprised of said cable being divided into two separate lines at a middle portion of said cable and then folded to couple said cable to said hinge assembly.
 - 7. The portable computer of claim 5, further comprised of said bent including a U-shaped bent at said point where said cable changes a direction of orientation from said second shaft to said first shaft.
 - 8. The portable computer of claim 5, further comprised of said cable being divided into two separate lines at a middle portion of said cable and then folded to couple said cable to said hinge assembly.